



FMT INICET PYQ

Medsynapse by Dr. Nikita

Marshall triad includes all of the following except



- a) Contusion
- b) Fracture
- c) Abrasion
- d) Laceration



MEDSYNAPSE
Where Concepts Meet Mnemonics

In judicial hanging, the knot is placed at:



- a) Below the chin
- b) Angle of the jaw
- c) The back of the neck
- d) Choice of hangman

Sweating is not present in:



- a) Heat syncope
- b) Heat cramp
- c) Heat stroke
- d) Heat fatigue

Acrid smell or pear smell is seen in:



- a) Ether
- b) Paraldehyde
- c) Nitrobenzene
- d) Carbolic acid



MEDSYNAPSE
Where Concepts Meet Mnemonics

Shoe polish like smell is seen in: (AIIMS NOV 15)



- a. Mercaptans
- b. b. Lacquer
- c. c. Paraldehyde
- d. d. Nitrobenzene



MEDSYNAPSE
Where Concepts Meet Mnemonics



Smell	Poisoning
Burnt rope	
Bitter almond	
	OPC
Rotten egg	
Garlic	
Shoe polish	

Where Concepts Meet Mnemonics

Segmentation of blood in blood vessel after death is known as:



- a) Kevorkian sign
- b) Rokitansky sign
- c) Kennedy phenomenon
- d) Tache noir



MEDSYNAPSE

Where Concepts Meet Mnemonics



MEDSYNAPSE
Where Concepts Meet Mnemonics

Ashley rule is for determination of what:



- a. Age
- b. Sex
- c. Height
- d. Ethnicity



MEDSYNAPSE
Where Concepts Meet Mnemonics

SEX DETERMINATION

- Sternum : Ashley's rule of 149. Length of sternum : Body + manubrium .
- Male : > 149 mm.
- Female : < 149 mm.

- **Single best bone** : Pelvis

Corporobasal index → Value is more in males.

- Indices for sex determination of bones :
- Sciatic index (best).
- Sternal index.
- Sacral index.
- Ischiopubic index.

$$\frac{\text{Breadth of 1st sacral vertebra (mm)}}{\text{Breadth of base of sacrum (mm)}} \times 100$$

Male : 45

Female : 40.5

An autopsy was performed on a case of accidental death. It showed two linear fractures on petrous part of temporal bone. Which of the following rules gives the sequence of fractures?

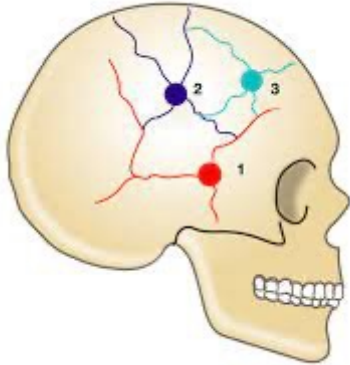


a. **McNaughton's rule**

b. **c. Young's rule**

b. **Puppe's rule**

d. **Dunlop's rule**



MEDSYNAPSE
Where Concepts Meet Mnemonics

Which acid does not show coagulation necrosis on contact?



- a. HCl
- b. **H₂SO₄**
- c. HF
- d. HNO₃

MEDSYNAPSE
Where Concepts Meet Mnemonics



A man throws sulphuric acid on the face of his wife after a fight following which she comes to the emergency for supportive management. All of these statements are true about chemical burns except:

- a. Blisters are present**
b. Ulcerated patches are present
c. Absence of singeing of hairs
d. Coagulation necrosis occurs at the site of burn

IMEDSYNAPSE
 Where Concepts Meet Mnemonics



	Burns (dry Heat)	Scalds (Moist heat)	Chemicals
Vesicles	At circumference of burnt area	Most marked over burnt area	Rarely found
Red line	Present	Present	Absent
Singeing	Present	Absent	In case of mineral acids
Charring (Soot)	Present	Absent	In case of mineral acids
Trickle marks	Absent	Present	Present
Discoloration	Skin roasted & charred	Skin bleached	From action of chemical on skin
Ulceration	Absent	Absent	Present
Scar	Thick & causes disfigurement	Thin & causes less disfigurement	Keloid scar & much disfigurement

IMEDSYNAPSE Where Concepts Meet Mnemonics

A doctor who performed the autopsy on a 26-year-old married woman, committing suicide found the cause of death to be aluminium phosphide poisoning. She was summoned in a court of law where he willingly hides this information. This is punishable under which section?



- a. IPC 193
- b. b. CrPC 175
- c. c. CrPC 69
- d. d. IPC 189



MEDSYNAPSE
Where Concepts Meet Mnemonics

Boiled lobster syndrome is seen in poisoning of:



- a. Boric acid
- b. b. HNO₃
- c. c. H₂SO₄
- d. d. Phenol



MEDSYNAPSE
Where Concepts Meet Mnemonics

Which of the following statement is false statement about snake-bites?



- a) Anti-venom is not effective in humposed pit viper bite**
- b) Cobra venom is neurotoxic**
- c) Atropine premedication should be used before administering Neostigmine**
- d) Neostigmine has a role in krait bite**